

ABSTRACT OF THE DISCLOSURE

Sub B21

In a signal processing apparatus which can output
a chroma signal of m bits into a chroma signal of n
bits by an output apparatus, the chroma signal of m
5 bits is gamma converted into a chroma signal of k bits,
the gamma converted chroma signal of k bits is
converted into a signal of k bits showing a brightness
and a color tone, and the signal converted into the
signal of k bits showing the brightness and color tone
10 is converted into a signal of n bits showing a
brightness and a color tone. Thus, a signal processing
apparatus in which a color crush in a high luminance
area of an image can be remarkably reduced and a white
skip of the image and a discoloration are remarkably
15 improved is provided.